## **CLAIMS**

1. A display comprising a plurality of display tiles, each tile comprising a portion to support a display region incorporating an Organic Light Emitting Device (OLED) material with a plurality of separately addressable pixel elements, wherein the portion is at a tilt angle  $\theta$  to the main plane of the display, wherein:

$$\theta = \tan^{-1} \left[ \frac{\sqrt{l^2 + w^2}}{3t} \right]$$

I being the tile length, w being the tile width and t being the tile thickness.

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- 2. A display according to Claim 1, wherein the tilt angle  $\theta$  comprises a compound angle  $\theta_c$  having a horizontal tilt angle  $\theta_h$  and a vertical tilt angle  $\theta_v$ .
- 15 3. A display according to Claim 1 wherein the first portion is at a compound tilt angle  $\theta_c$  which is less than 12°.
  - 4. A display according to Claim 1 wherein the first portion is at a compound tilt angle  $\theta_c$  which is in the range 0.5° to 12°.
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- 5. A display according to Claim 1 wherein the first portion is at a compound tilt angle  $\theta_c$  which is in the range 0.5° to 6°.
- 6. A display according to Claim 1 wherein the first portion is at a compound angle  $\theta_c$  in the range 3.0° to 3.4°.
  - 7. A display according to Claim 1 wherein the first portion is at a horizontal tilt angle  $\theta_h$  of less than 3°.

- 8. A display according to Claim 1 wherein the first portion is at a vertical tilt angle  $\theta_v$  of less than 3.5°.
- 9. A display according to Claim 1 wherein the first portion and the second portion of a tile are in substantially parallel planes.
  - 10. A display according to Claim 1 wherein the first and second portions of a tile are in a stepped relationship.
- 10 11. A display according to Claim 1 wherein the first and second portions of a tile are arranged generally in a U-shape.
  - 12. A display according to Claim 1 wherein the second portion incorporates wiring and/or electrical connections.

13. A display according to Claim 1 wherein the first portion comprises a tile to hold a glass panel of OLED panel.

- 14. A display according to Claim 1 wherein the first portion comprises a moulded holder of plastic material.
  - 15. A display according to Claim 1 comprising heat seal means to ensure high integrity connection of the display to drive electronics.
- 16. A display according to Claim 1 wherein the pixel elements have integral means to generate illumination.
  - 17. A display according to Claim 1 comprising means to effect back lighting illumination of a plurality of pixel elements.

- 18. A display according to Claim 1 comprising a plurality of display regions, each incorporating Organic Light Emitting Device (OLED) material, each region comprising:
  - a. a plurality of separately addressable pixel elements; and
- b. one or more of the display region(s) overlying a portion of one of more adjacent display region(s) wherein the first portion and the second portion of a tile are not in the same plane and the first portion is at a tilt angle  $\theta$  to the main plane of the display for the second portion to underlie part of another tile.

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- 19. A display according to Claim 1 wherein one or more further display regions overlie part of another display region(s).
- 20. A display array according to Claim 1 wherein portions of display areas which lie underneath other display areas incorporate at least one of wiring or electrical connections.
- 21. A display according to Claim 1 comprising a plurality of display regions which overlie part of a display region of at least one of a laterally or orthogonally adjacent display region.
  - 22. A display according to Claim 1 wherein the display regions form a substantially continuous display surface over the array.
- 23. A display according to Claim 1 comprising a plurality of OLED pixel array tiles.
  - 24. A display according to Claim 1 comprising a plurality of LCD tiles using an OLED backlight.

- 25. A display according to Claim 1 comprising a plurality of electronic paper tiles.
- 26. A display according to Claim 1 wherein a substrate comprises a passive matrix display device.
  - 27. A display according to Claim 1 wherein the main plane of the display comprises a plane incorporating the nearest point of each OLED display first portion to an observer of the display.

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- 28. A display comprising a plurality of display tiles, each of said display tiles further including:
  - a. a support member;
  - b. a printed circuit board positioned on said support member;
- c. a panel having an OLED element operatively connected to said circuit board at a tilt angle  $\theta$  to the main plane of the display for the printed circuit board to underlie part of another tile; and
- d. wherein said display tiles are positioned in an overlapping array to form a substantially two-dimensional display.